

IN THE CLAIMS

Please cancel Claim 4, amend Claims 1-3, 5-9 and add new Claims 10-13 as follows:

1. (Currently Amended) An image scanning apparatus comprising:

a first feeding unit means configured to for feeding a document;

a second feeding unit means configured to feed the document which
has fed by disposed downstream from the first feeding unit means in a feeding direction for
feeding the document;

a first driving unit means configured to for rotate driving the first
feeding unit means;

a second driving unit means configured to for rotate driving the
second feeding unit means;

an image scanning unit means configured to for scanning an image
of the document at which passes a scanning position provided between the first feeding
means unit and the second feeding unit means; and

a speed controller speed controlling means configured to for set
controlling feed speeds of the first feeding unit means and the second feeding unit means
by controlling the first driving unit means and the second driving unit means;

wherein the speed controlling means controls the first driving means
and the second driving means such that the feed speed of the second feeding means when a
front end of the document is charged to the second feeding means becomes faster than the
feed speed of the second feeding means when the document is fed by both of the first
feeding means and the second feeding means after the front end of the document has been
charged to the second feeding means. the speed controller controls the first driving unit and
the second driving unit such that when a front end of a document which is fed by the first

feeding unit is charged to the second feeding unit, the feed speed of the first feeding unit is set to a predetermined feed speed and the feed speed of the second feeding unit is set to a first feed speed, and when a front of the document is fed by both of the first feeding unit and the second feeding unit, the feed speed of the first feeding unit is kept at said predetermined feed speed and the feed speed of the second feeding unit is set to a second feed speed slower than the first feed speed.

2. (Currently Amended) The image scanning apparatus according to Claim 1,

wherein the ~~speed-controlling~~ speed controller means controls the first driving unit means and the second driving unit means such that when the document is fed by both of the first feeding unit means and the second feeding unit means, the second feed speed of the second feeding unit means becomes is set faster than the predetermined feed speed of the first feeding unit means.

3. (Currently Amended) The image scanning apparatus according to Claim 2,

wherein the speed controller ~~speed-controlling means~~ controls the second driving unit means such that the feed speed of the second feeding unit means in a state in which ~~when~~ the document is fed only by the second feeding unit is equal to the predetermined feed speed of the first driving unit means and the feed speed of the first feeding means when the document is fed by both of the first feeding means and the second feeding means become equal to each other.

4. (Cancelled)

5. (Currently Amended) An image scanning apparatus comprising:

a first feeding unit means configured to for feeding a document;

a second feeding unit means configured to feed the disposed

downstream from the first feeding means in a feeding direction for feeding the document
which has fed by the first feeding unit;

first driving means for driving the first feeding means;

second driving means for driving the second feeding means;

an image scanning unit configured to means for scanning an image
of the document at which passes a scanning position provided between the first feeding
means-unit and the second feeding unit means; and

a speed controller speed-controlling means configured to-for control
ling set feed speeds of the first feeding unit means-and the second feeding unit means-by
controlling the first driving means and the second driving means;

wherein the speed-controlling means controls the first driving means
and the second driving means such that a ratio of the feed speed of the first feeding means
to the feed speed of the second feeding means is made to differ in accordance with a
scanning speed of the document by the image scanning means.

wherein the image scanning unit can scan an image of the document
at a first scanning speed or a second scanning speed, and the speed controller sets the feed
speed of the first feeding unit and the feed speed of the second feeding unit such that when
the document is fed by both of the first feeding unit and the second feeding unit, a ratio of
the feed speed of the first feeding unit to the feed speed of the second feeding unit when
the document is scanned at the first scanning speed is different from a ratio of the feed
speed of the first feeding unit to the feed speed of the second feeding unit when the
document is scanned at the second scanning speed.

6. (Currently Amended) The image scanning apparatus according to Claim 5,

~~wherein the speed controlling means controls the first driving means and the second driving means such that the feed speed of the second feeding means is faster than the feed speed of the first feeding means and the ratio of the feed speed of the first feeding means to the feed speed of the second feeding means is made to differ in accordance with the scanning speed.~~

wherein when the document is fed by both of the first feeding unit and the second feeding unit, the speed controller sets the feed speed of the first feeding unit and the feed speed of the second feeding unit such that the feed speed of the second feeding unit becomes faster than the feed speed of the first feeding unit.

7. (Currently Amended) The image scanning apparatus according to Claim 6,

~~wherein when the scanning speed is fast, the speed controlling means controls the first driving means and the second driving means such that the ratio of the feed speed of the first feeding means to the feed speed of the second feeding means becomes larger than the ratio when the scanning speed is slow.~~

wherein the first scanning speed is faster than the second scanning speed, and when the document is fed by both of the first feeding unit and the second feeding unit, the speed controller sets the feed speed of the first feeding unit and the feed speed of the second feeding unit such that a first ratio of the feed speed of the first feeding unit to the feed speed of the second feeding unit when the document is scanned at the first scanning speed is smaller than a second ratio of the feed speed of the first feeding unit to the feed speed of the second feeding unit when the document is scanned at the second scanning speed.

8. (Currently Amended) An image scanning apparatus comprising:

~~a first feeding unit means configured to for feeding a document;~~

~~a second feeding unit means configured to disposed downstream from the first feeding means in a feeding direction for feeding the document which has fed by the first feeding unit;~~

~~first driving means for driving the first feeding means;~~

~~second driving means for driving the second feeding means;~~

~~an image scanning unit means configured to for scanning an image of the document which passes at a scanning position provided between the first feeding unit means and the second feeding unit means; and~~

~~a speed controller speed controlling means for configure to set controlling feed speeds of the first feeding unit means and the second feeding unit means by controlling the first driving means and the second driving means;~~

~~wherein when the document is fed by both of the first feeding unit and the second feeding unit, the speed controller sets the feed speed of the first feeding unit and the feed speed of the second feeding unit such that when either a first kind of document or a second kind of document is fed by both of the first feeding unit and the second feeding unit, the feed speed of the first feeding unit becomes a predetermined feed speed, and the feed speed of the second feeding unit when the first kind of document is fed and the feed speed of the second feeding unit when the second kind of document is fed become different to each other.~~

9. (Currently Amended) The image scanning apparatus according to Claim

8,

~~wherein when a thick document is fed, the speed controlling means controls the first driving means and the second driving means such that a difference between the~~

~~feed speeds of the first feeding means and the second feeding means becomes larger than the difference when a thin document is fed.~~

wherein when a thin document is fed as the first kind of document, the speed controller sets a faster feed speed of the second feeding unit than the feed speed when a thick document is fed.

10. (New) The image scanning apparatus according to Claim 8, wherein when a document is fed by both of the first feeding unit and the second feeding unit, the feed speed of the first feeding unit is faster than the feed speed of the second feeding unit.

11. (New) The image scanning apparatus according to Claim 1, wherein feed power of the second feeding unit is weaker than a feed power of the first feeding unit, and when a document is fed by both of the first feeding unit and the second feeding unit, the feed speed of the document depends on the feed speed of the first feeding unit.

12. The image scanning apparatus according to Claim 5, wherein a feed power of the second feeding unit is weaker than a feed power of the first feeding unit, and when a document is fed by both of the first feeding unit and the second feeding unit, the feed speed of the document depends on the feed speed of the first feeding unit.

13. (New) The image scanning apparatus according to Claim 8, wherein a feed power of the second feeding unit is weaker than a feed power of the first feeding unit, and when a document is fed by both the first feeding unit and the second feeding unit, the feed speed of the document depends on the feed speed of the first feeding unit.